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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/834,944	04/16/2001	Naruto Entani	Q64103	5344

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SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Washington, DC 20037-3202

EXAMINER

GREENE, DANIEL L

ART UNIT PAPER NUMBER

3621

DATE MAILED: 10/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 09/834,944	Applicant(s) ENTANI, NARUTO	
	Examiner Daniel L. Greene	Art Unit 3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2005.  
 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.  
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 16-20 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
 6) ☒ Claim(s) 16-20 is/are rejected.  
 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \*    c) ☐ None of:  
         1. ☐ Certified copies of the priority documents have been received.  
         2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
         3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
     \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed 8/16/2005 have been fully considered but they are not persuasive.
2. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).
3. The Applicant states that Kazmierczak fails to teach or suggest use right frequency information and any transmission to a customer terminal of any information relating to a limitation of the use of a literary work. The Examiner submits that Kazmierczak does teach or suggest use right frequency information and transmission to a customer terminal of any information relating to a limitation of the use of a literary work as per the previous Office Action, page 3, second paragraph, specifying Col. 14, lines 50-67 of Kazmierczak.
4. The Applicant further argues that on page 5 of the previous Office Action, it was stated twice that Kazmierczak fails to teach or suggest use right frequency information. The section referred to by the Applicant, i.e. page 5, was addressing the specific details of the use right information i.e. number of times of use, the hour of use and the amount of use of the literary work. Kazmierczak discloses the DB info record also contains additional fields useful in controlling access to encrypted databases. Col. 14, lines 38 -

40. The secondary reference, Archibald, is used to show it is well known in the arts that use right information can contain the number of times of use, the hour of use and the amount of use of the literary work not specifically stated by Kazmierczak.

5. The Applicant further argues that Archibald does not teach what the primary reference does and that it also teaches away from the number of times of use, the hour of use and the amount of use of the literary work.

In reference to Archibald (secondary reference) not teaching what the primary reference does, one cannot show non-obviousness by attacking the references individually where the rejection is based on a combination of references. In re Young, 159 USPQ 725 (CCPA 1968).

6. In reviewing the section specified by the Applicant, i.e. Col. 2, lines 37-48, that the Applicant claims teaches away from the number of times of use, the hour of use and the amount of use of the literary work, the Examiner submits that the section in fact promotes the number of times of use, the hour of use and the amount of use of the literary work by the statement, " ... substantially eliminates the problems of piracy by de-emphasizing control of distribution and focusing on use (i.e. number of times of use, the hour of use and the amount of use of the literary work) of a digital application..." Col. 2, lines 46-49.

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**1. Claims 16 - 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kazmierczak et al. U.S. Patent 5,764,762 [Kazmierczak], Archibald et al. U.S. Patent 5,825,883 [Archibald] and further in view of Iwamura U.S. Patent 6,144,946 [Iwamura] .**

As per claim 16:

Kazmierczak discloses:

a management terminal apparatus for enciphering and selling a right of use of a literary work to a customer through a communication circuit, Col. 4, lines 24-42. The cryptographic control unit is a management terminal apparatus for enciphering and selling a right of use of a literary work to a customer through a communication circuit, enciphering and transmitting use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work to one of said customer terminal apparatuses, Col. 14, lines 50-67. The communication session does the enciphering and transmitting use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work to one of said customer terminal apparatuses, imposing a royalty for the literary work through the communication circuit in accordance with the number of times indicated by the use right frequency information; Col. 4, lines 25-67. The metering and reporting access imposes a royalty for the literary

work through the communication circuit in accordance with the number of times indicated by the use right frequency information;

a literary work provider terminal apparatus for enciphering and distributing the literary work to a customer through the communication circuit; Col. 4, lines 24-42. The Operations Center provides a literary work provider terminal apparatus for enciphering and distributing the literary work to a customer through the communication circuit

wherein each of said one or more customer terminal apparatuses comprise:

a storage section for storing enciphered literary work data distributed thereto from said literary work provider terminal apparatus, Fig. 1, **12**.

deciphering means for deciphering the enciphered literary work data and right of use of the literary work data stored in said storage section, Col. 7, lines 1-30. The CBC decryptor provides the deciphering means for deciphering the enciphered literary work data and right of use of the literary work data stored in said storage section,

a playback circuit for playing back the deciphered literary work data; Fig. 1, **CPU**

wherein said deciphering means comprises a use right frequency information storage memory provided therein for storing the use right frequency information deciphered by said deciphering means in such a manner that the deciphered use right frequency information cannot be referred to from the outside; Col. 11, lines 3-60. The secure OPC command packets provide wherein said deciphering means comprises a use right frequency information storage memory provided therein for storing the use right frequency information deciphered by said deciphering means in such a manner

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that the deciphered use right frequency information cannot be referred to from the outside

`wherein said deciphering means refers to the use right frequency information stored in said use right frequency information storage memory to read out the enciphered literary work data from said storage section and signals the read out literary work data to said playback circuit. Col. 11, lines 3-67. The secure OPC command packets provide `wherein said deciphering means refers to the use right frequency information stored in said use right frequency information storage memory to read out the enciphered literary work data from said storage section and signals the read out literary work data to said playback circuit.

Kazmierczak discloses the claimed invention except for specifically detailing the use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work. It would have been obvious to one having ordinary skill in the art at the time of the invention was made to include in the charge for the use of a literary work, use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work, since it is known in the art that ~~that~~ charging for the use of data can include some measure of use be it at least one of the number of times of use, the hour of use and the amount of use of the literary work.

In addition, Kazmierczak discloses the claimed invention except for specifically detailing the use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work. Archibald

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teaches that it is known in the art to provide the use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work. Col. 7, lines 40-47, Col. 8, lines 40-55. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the metering section of Kazmierczak, Col. 4, lines 45-67 and Col. 7, lines 35-67, with the use right frequency information for limitation of at least one of the number of times of use, the hour of use and the amount of use of the literary work of Archibald, in order to provide flexibility and options relative to the type of metering to be done..

Kazmierczak discloses the claimed invention except for the use frequency charges. Iwamura teaches that it is known in the art to provide for use frequency charges. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the transaction/purchase method of Kazmierczak with the use frequency procedure of Iwamura, in order to provide a method for the payment schedule of the literary use.

As per claim 17:

Kazmierczak discloses the claimed invention except for wherein said deciphering means updates the use right frequency information stored in said use right frequency information storage memory in response to the number of times of playback by said playback circuit.

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to wherein said deciphering means updates the use right



frequency information stored in said use right frequency information storage memory in response to the number of times of playback by said playback circuit since it is known in the art that wherein said deciphering means updates the use right frequency information stored in said use right frequency information storage memory in response to the number of times of playback by said playback circuit is done to track the usage.

As per claim 18:

Kazmierczak discloses the claimed invention except for wherein each of said one or more customer terminal apparatuses operates in response to the use right frequency stored in said use right frequency information storage memory such that, when the use right frequency is higher than "0", the enciphered literary work data stored in said storage section can be read out and deciphered by means of said deciphering means and then the deciphered literary work data can be signaled to and played back by said playback circuit, but when the use right frequency is "0", the decipherment by said deciphering means is not performed and the enciphered literary work data cannot be played back. However, Kazmierczak does disclose processing the usage data. Fig. 7.

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to wherein each of said one or more customer terminal apparatuses operates in response to the use right frequency stored in said use right frequency information storage memory such that, when the use right frequency is higher than "0", the enciphered literary work data stored in said storage section can be read out and deciphered by means of said deciphering means and then the deciphered

literary work data can be signaled to and played back by said playback circuit, but when the use right frequency is "0", the decipherment by said deciphering means is not performed and the enciphered literary work data cannot be played back since it is known in the art that when the paid for usage is exhausted/used up, access is denied.

As per claim 19:

Kazmierczak does not expressly show wherein the literary work is music data. However, Kazmierczak does teach about the distribution and control of data packages by information publishers. Col. 4, lines 30-45. The differences are only found in the nonfunctional descriptive material and are not functionally involved in the steps recited. The encrypting, distribution and accounting steps would be performed the same regardless of the data. Thus, this descriptive material will not distinguish the claimed invention from the prior art in terms of patentability.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to provide encrypted data to a customer be it music, video, literature, etc., because such data does not functionally relate to the steps in the apparatus claimed.

Further, Kazmierczak discloses the claimed invention except for the literary work is music data. It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have the literary work to be music since it is known in the art that as per Archibald, Col. 3, lines 56-65, that literary work can be video, software, library publisher, etc..

As per claim 20:

Kazmierczak further discloses:

A recording medium on which a control program for causing a computer to implement the functions of the literary work distribution network system as claimed in claim 16 is recorded. Col. 4, lines 30-45.

Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims below for the convenience of the applicant.

Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

### ***Conclusion***

2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel L. Greene whose telephone number is 571-272-6707. The examiner can normally be reached on M-Thur. 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P. Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Daniel L. Greene  
Examiner  
Art Unit 3621

10/17/2005

*Daniel L. Greene*  
PRIMARY EXAMINER